**Aves and Mammals**

**Aves**

- Some travel by flight

- Feathers

- Lay hard shelled eggs

- Toothless (have beaks)

- *Fercula* Bone (in bird’s chest –“wish bone”)

- Leg Scales

- Lightweight skeleton

- Wings

- Rapid Digestion

- *Gizzard* to digest food

- Scaled feet/legs

- Endothermic

(warm-blooded)

- Back bones (vertebrates)

- 4 chambered heart

**Mammals**

- Hair (also includes fur, whiskers, quills, horns – keratin protein)

- Internal fertilisation (apart from echidna & platypus)

- Lower jaw made up of 1 bone

- Mammary glands; produces milk for offspring

- Diphyodonty – teeth are only replaceable once throughout lifetime if needed

- 3 Middle ear bones

- Have sweat glands

**Even whales have hair!**

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**http://blog.tepapa.govt.nz/2008/05/07/hairs-on-a-whale/**